

Leonid Andreev. FIG. 1B. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 108 climatic parameters.

1.1.1.	MO , Kansas City	CA , San Diego	AL , Huntsville
NV , Las Vegas	2.1.1.1.2.1.	2.2.1.1.1.1.1.	2.2.1.2.2.1
1.1.2.	VA , Lynchburg	GA , Augusta	TX , San Angelo
AZ , Phoenix	VA , Roanoke	GA , Macon	2.2.1.2.2.2.
AZ , Yuma	2.1.1.1.2.2.	2.2.1.1.1.1.2.	TX , Dallas-Fort Worth
1.2.1.1.	WV , Charleston	GA , Columbus	TX , Waco
NV , Elko	WV , Huntington	2.2.1.1.1.2.	2.2.2.1.
NV , Ely	2.1.1.2.1.	GA , Savannah	FL , Apalachicola
1.2.1.2.	OK , Oklahoma City	2.2.1.1.2.1.	FL , Pensacola
NV , Winnemucca	OK , Tulsa	MS , Jackson	2.2.2.2.1
1.2.2.1.	2.1.1.2.2.	MS , Meridian	TX , Houston
CA , Bakersfield	TN , Knoxville	2.2.1.1.2.2.	TX , Victoria
1.2.2.2.1.	TN , Nashville	FL , Jacksonville	2.2.2.2.2.1.
CA , Redding	2.1.2.1.	FL , Tallahassee	LA , Baton Rouge
1.2.2.2.2.	CA , Sacramento	2.2.1.2.1.1.	LA , New Orleans
CA , Fresno	2.1.2.2.1.	AR , Forth Smith	2.2.2.2.2.2.
CA , Stockton	CA , Los Angeles	AR , Little Rock	LA , Lake Charles
2.1.1.1.1.	2.1.2.2.2.	2.2.1.2.1.2.	
MO , Columbia	CA , Los Angeles AP	AL , Birmingham AP	

FIG. 1A

Leonid Andreev. FIG. 1B. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 108 climatic parameters, using a hybrid matrix obtained by hybridization of 108 monomeric matrices.

1.1.1.	2.1.2.1.1.	2.2.1.1.2.1.	TX, Dallas-Fort Worth
NV, Elko	CA, Bakersfield	OK, Oklahoma City	TX, Waco
NV, Ely	CA, Redding	OK, Tulsa	2.2.2.1.
1.1.2.	2.1.2.1.2.1.	2.2.1.1.2.2.	FL, Jacksonville
NV, Winnemucca	CA, Fresno	AR, Fort Smith	FL, Tallahassee
1.2.1.	2.1.2.1.2.2.	AR, Little Rock	2.2.2.2.1.1.
NV, Las Vegas	CA, Sacramento	2.2.1.2.1.1.1.1.	LA, Baton Rouge
1.2.2.	CA, Stockton	GA, Augusta	LA, New Orleans
AZ, Phoenix	2.1.2.2.1.	GA, Macon	2.2.2.2.1.2.
AZ, Yuma	CA, Los Angeles C.O.	2.2.1.2.1.1.1.2.	LA, Lake Charles
2.1.1.1.	2.1.2.2.2.	GA, Columbus	2.2.2.2.2.1.
MO, Columbia	CA, Los Angeles AP	2.2.1.2.1.1.2	FL, Apalachicola
MO, Kansas City	CA, San Diego	GA, Savannah	FL, Pensacola
2.1.1.2.1.	2.2.1.1.1.1.	2.2.1.2.1.2.	2.2.2.2.2.2.
VA, Lynchburg	TN, Knoxville	MS, Jackson	TX, Houston
VA, Roanoke	TN, Nashville	MS, Meridian	TX, Victoria
2.1.1.2.2.	2.2.1.1.1.2.	2.2.1.2.2.1.	
WV, Charleston	AL, Birmingham AP	TX, San Angelo	
WV, Huntington	AL, Huntsville	2.2.1.2.2.2.	

FIG. 1B

Leonid Andreev. FIG. 2A. Clustering of artificially generated 3D scatter plot of 50 points by ETSM-method.

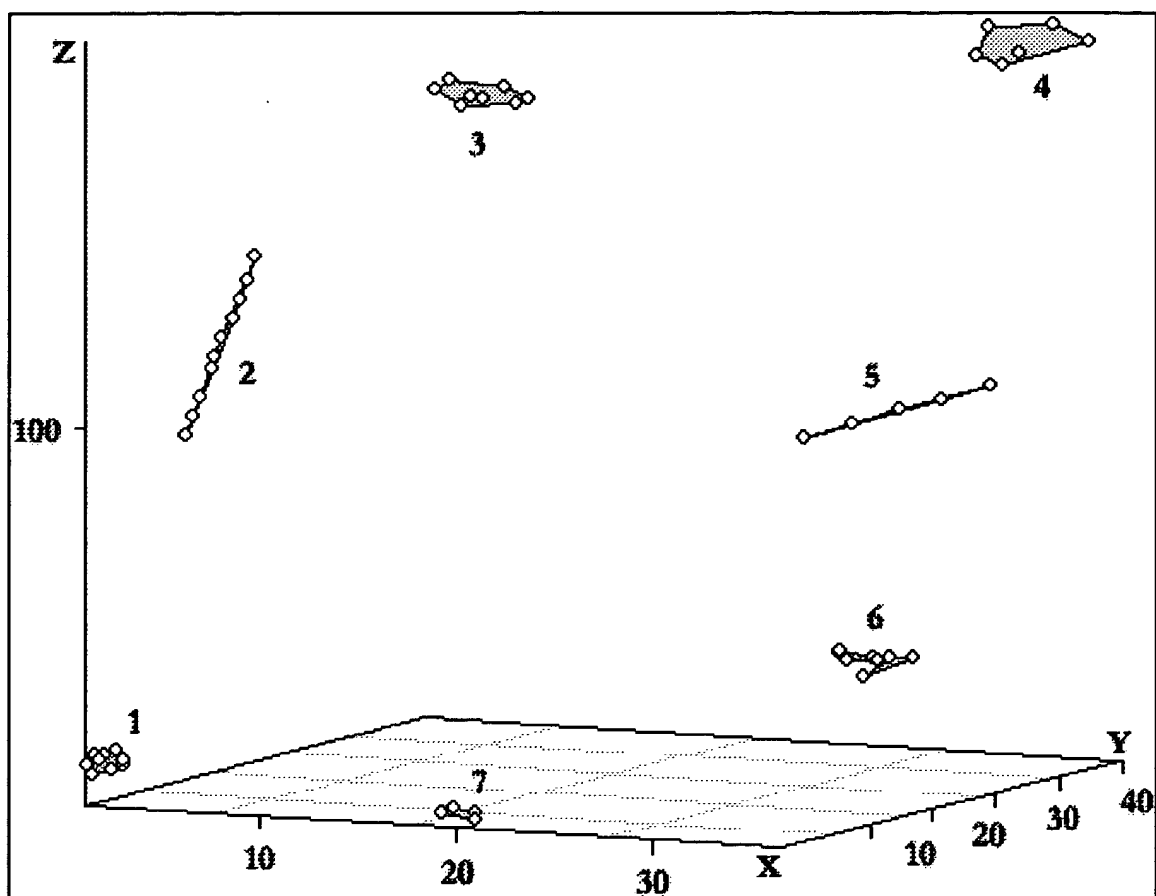


FIG. 2A

Leonid Andreev. FIG. 2B. Clustering of artificially generated 3D scatter plot of 50 points by ETSM-method, using hybrid matrix; monomeric matrices based on differences between distances.

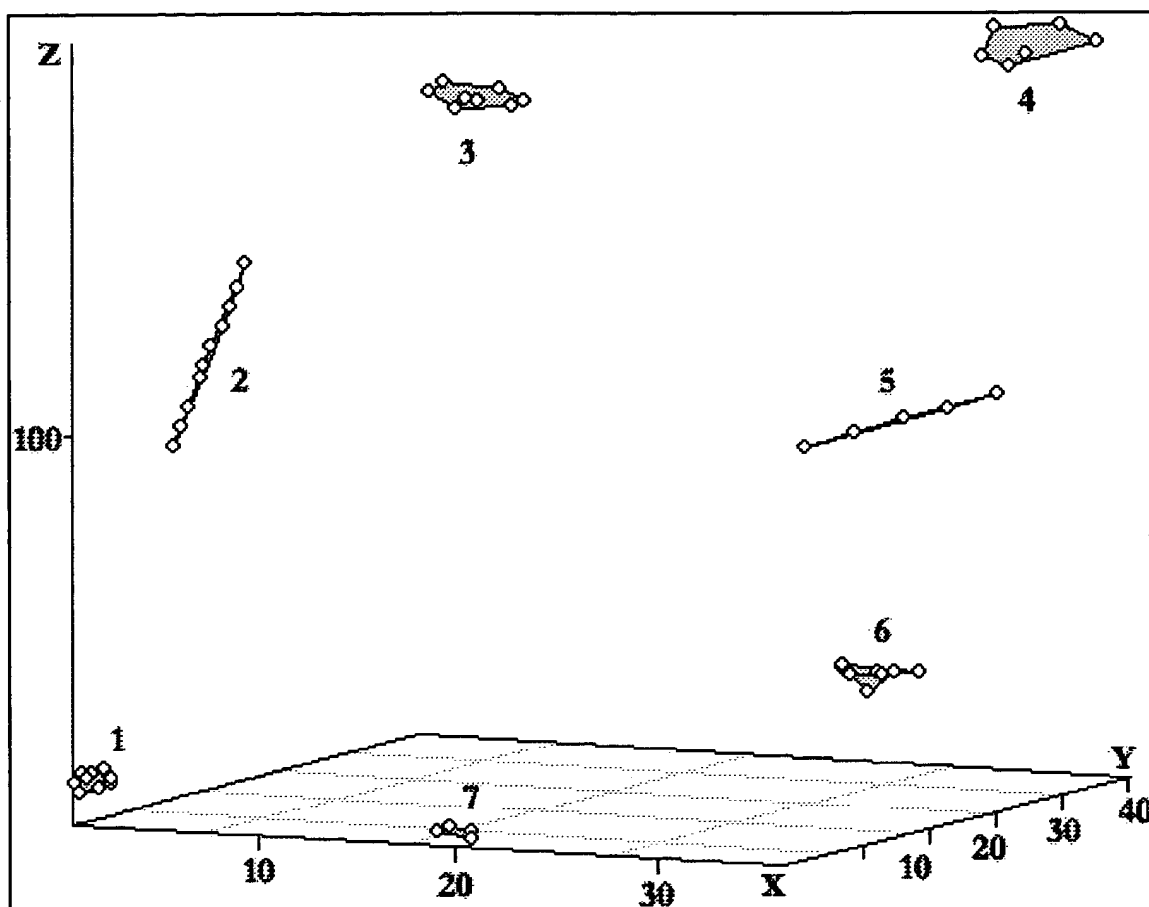


FIG. 2B

Leonid Andreev. FIG. 3A. Clustering of artificially generated 3D scatter plot of 50 points by ETSM-method, using hybrid matrix; monomeric matrices based on XR-metric, B-constant = 1.10.

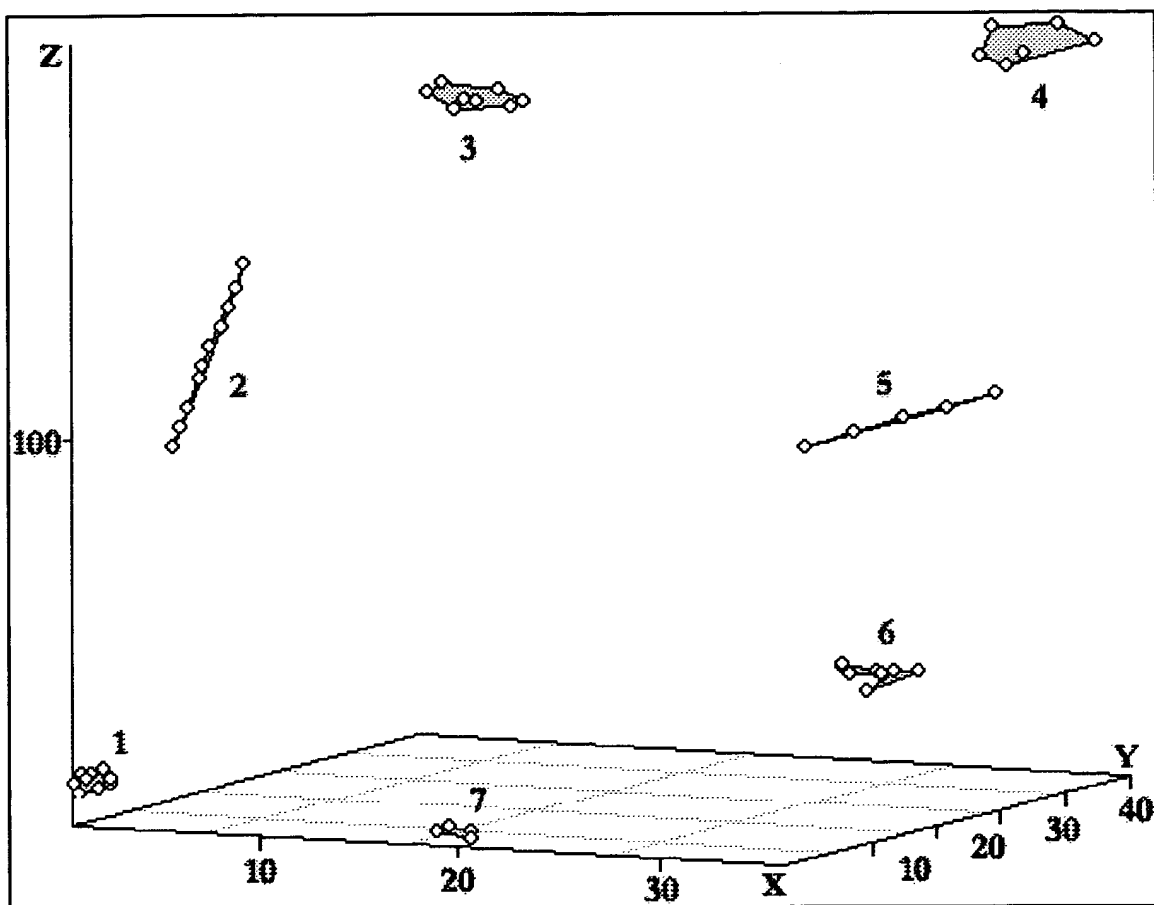


FIG. 3A

Leonid Andreev. FIG. 3B. Clustering of artificially generated 3D scatter plot of 50 points by ETSM-method, using hybrid matrix; monomeric matrices based on XR-metric; each value increased by 1000 units.

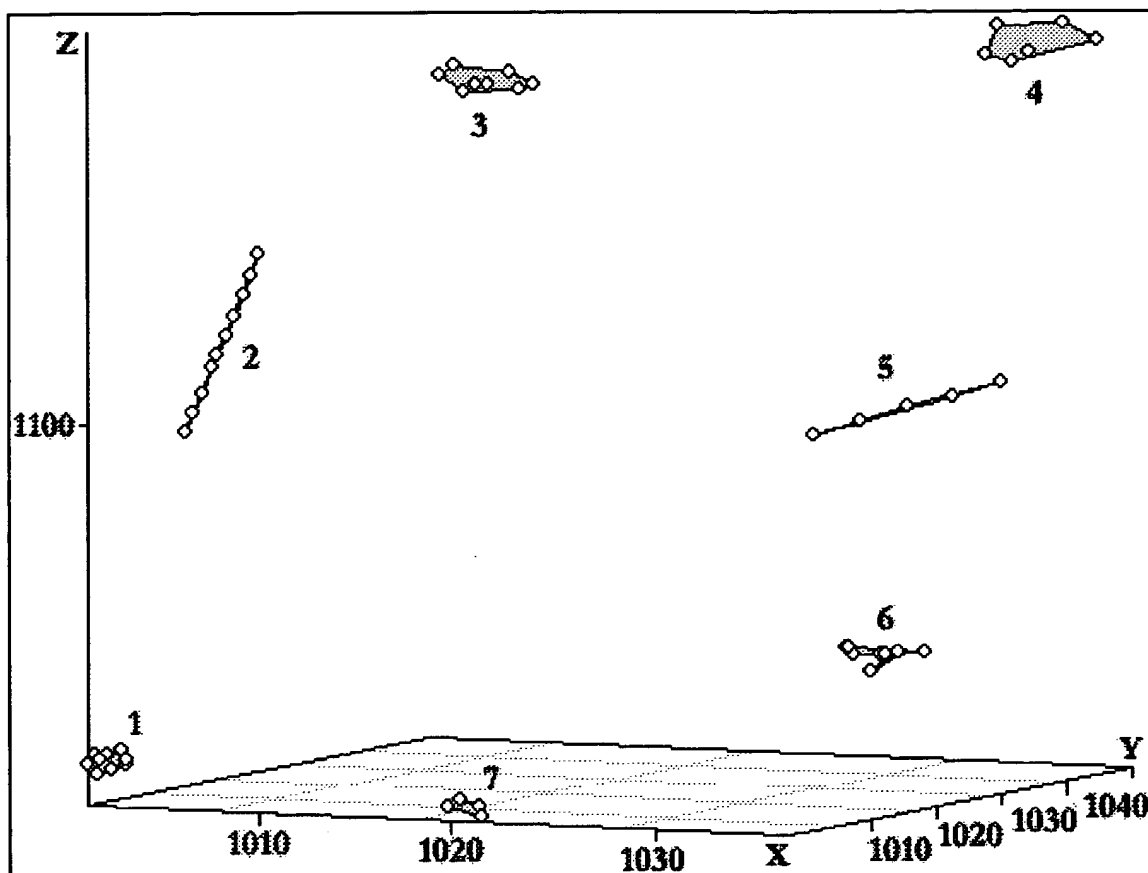


FIG. 3B

Leonid Andreev. FIG. 3C. Clustering of artificially generated 3D scatter plot of 50 points by ETSM-method, using hybrid matrix; monomeric matrices based on R-metric.

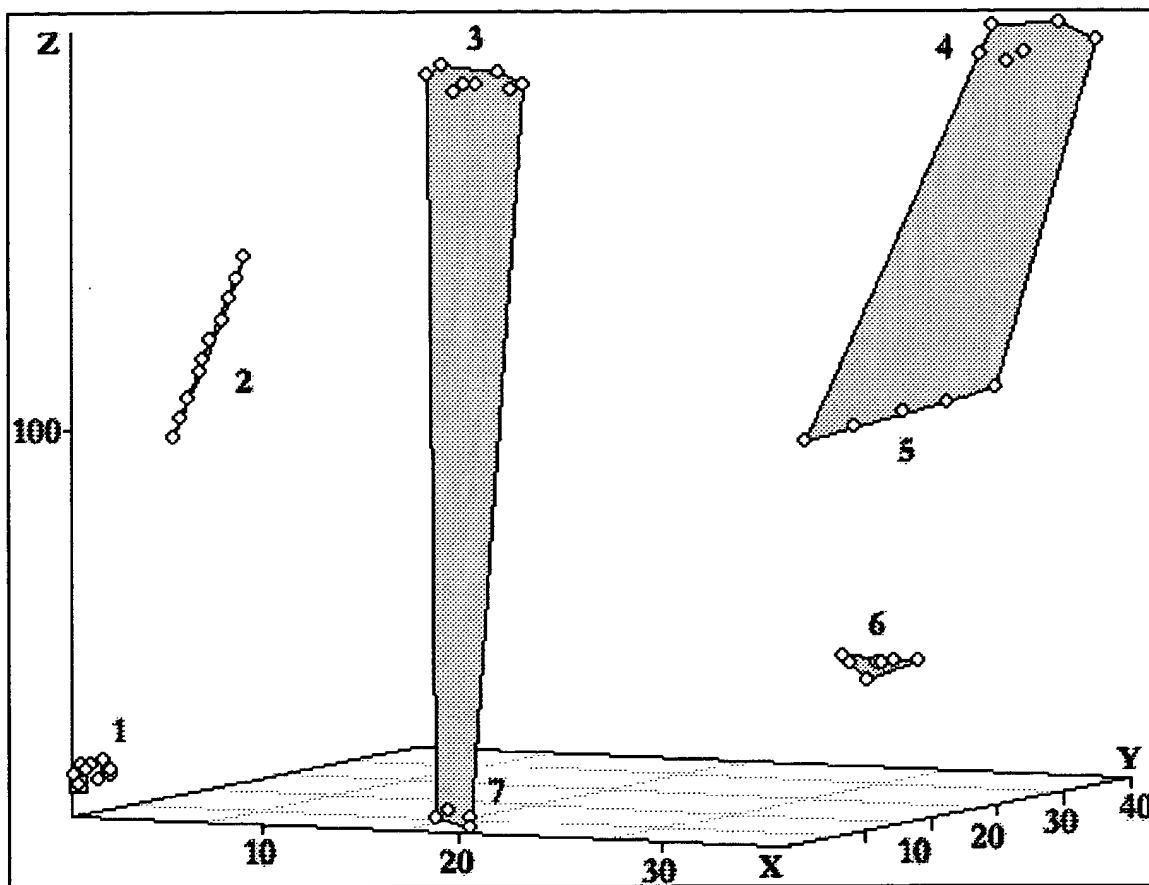


FIG. 3C

Leonid Andreev. FIG. 4A. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 108 climatic parameters, using a hybrid matrix obtained by hybridization of 108 monomeric matrices based on XR-metric.

1.1.1.	CA , Los Angeles C.O.	GA , Augusta	AL , Birmingham Al
NV , Elko	2.1.1.2.2.	GA , Macon	AL , Huntsville
NV , Ely	CA , Los Angeles AP	2.2.1.1.2.1.1.2.	2.2.2.1.
1.1.2.	CA , San Diego	GA , Columbus	FL , Jacksonville
NV , Winnemucca	2.1.2.1.1.	2.2.1.1.2.1.2.	FL , Tallahassee
1.2.1.	VA , Lynchburg	GA , Savannah	2.2.2.2.1.
NV , Las Vegas	VA , Roanoke	2.2.1.1.2.2.	FL , Apalachicola
1.2.2.	2.1.2.1.2.	MS , Jackson	FL , Pensacola
AZ , Phoenix	WV , Charleston	MS , Meridian	2.2.2.2.2.1.1.
AZ , Yuma	WV , Huntington	2.2.1.2.1.1.	LA , Baton Rouge
2.1.1.1.1.	2.1.2.2.	OK , Oklahoma City	LA , New Orleans
CA , Bakersfield	MO , Columbia	OK , Tulsa	2.2.2.2.2.1.2.
CA , Redding	MO , Kansas City	2.2.1.2.1.2.	LA , Lake Charles
2.1.1.1.2.1.	2.2.1.1.1.1.	AR , Fort Smith	2.2.2.2.2.2.
CA , Fresno	TX , San Angelo	AR , Little Rock	TX , Houston
2.1.1.1.2.2.	2.2.1.1.1.2.	2.2.1.2.2.1.	TX , Victoria
CA , Sacramento	TX , Dallas-Fort Worth	TN , Knoxville	
CA , Stockton	TX , Waco	TN , Nashville	
2.1.1.2.1.	2.2.1.1.2.1.1.1.	2.2.1.2.2.2.	

FIG. 4A

Leonid Andreev. FIG. 4B. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 24 humidity parameters.

1.1.1.	1.2.2.	AR , Little Rock	2.2.1.2.1.2.
NV , Las Vegas	CA , Los Angeles C. O.	TX , Dallas-Fort Worth	LA , Baton Rouge
1.1.2.	2.1.	2.2.1.2.1.1.1.1.1.2	LA , New Orleans
AZ , Phoenix	TX , San Angelo	TX , Waco	2.2.1.2.2.1.1.
AZ , Yuma	VA , Roanoke	2.2.1.2.1.1.1.1.2.	FL , Jacksonville
1.2.1.1.1.1.1.	2.2.1.1.1.1.	FL , Pensacola	FL , Tallahassee
NV , Winnemucca	VA , Lynchburg	2.2.1.2.1.1.1.2.1.	2.2.1.2.2.1.2.
1.2.1.1.1.1.2.	2.2.1.1.1.2.1.	WV , Huntington	FL , Apalachicola
NV , Elko	OK , Oklahoma City	2.2.1.2.1.1.1.2.2.	2.2.1.2.2.2.1.
NV , Ely	OK , Tulsa	MO , Columbia	TX , Houston
1.2.1.1.1.2.	2.2.1.1.1.2.2.	MO , Kansas City	TX , Victoria
CA , Bakersfield	WV , Charleston	2.2.1.2.1.1.2.1.	2.2.1.2.2.2.2.1.
1.2.1.1.2.	2.2.1.1.2.1.	AL , Birmingham AP	MS , Jackson
CA , Redding	GA , Augusta	TN , Nashville	MS , Meridian
1.2.1.2.1.	GA , Savannah	2.2.1.2.1.1.2.2.1.	2.2.1.2.2.2.2.2
CA , Fresno	2.2.1.1.2.2.	AR , Fort Smith	LA , Lake Charles
1.2.1.2.2.	GA , Columbus	TN , Knoxville	2.2.2.
CA , Sacramento	GA , Macon	2.2.1.2.1.1.2.2.2.	CA , Los Angeles AP
CA , Stockton	2.2.1.2.1.1.1.1.1.1.	AL , Huntsville	CA , San Diego

FIG. 4B

Leonid Andreev. FIG. 4C. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 36 temperature parameters.

1.	TN, Nashville	2.2.1.1.2.1.2.	TX, Houston
NV, Elko	2.2.1.1.1.1.2.1.1.	TX, Dallas-Fort Worth	2.2.1.2.2.2.1.2.
NV, Ely	OK, Oklahoma City	2.2.1.1.2.2.1.	FL, Jacksonville
2.1.1.1.	OK, Tulsa	GA, Augusta	FL, Tallahassee
NV, Winnemucca	2.2.1.1.1.1.2.1.2.	GA, Macon	2.2.1.2.2.2.2.1.
2.1.1.2.1.	AR, Fort Smith	2.2.1.1.2.2.2.1.	LA, Lake Charles
MO, Columbia	2.2.1.1.1.1.2.2.1.	TX, San Angelo	2.2.1.2.2.2.2.2.1.
MO, Kansas City	AL, Huntsville	2.2.1.1.2.2.2.2.1.	FL, Apalachicola
2.1.1.2.2.1.1.	2.2.1.1.1.1.2.2.2.	MS, Meridian	FL, Pensacola
WV, Huntington	AL, Birmingham AP	2.2.1.1.2.2.2.2.2.	2.2.1.2.2.2.2.2.2.
2.1.1.2.2.1.2.	AR, Little Rock	GA, Columbus	LA, New Orleans
VA, Lynchburg	2.2.1.1.1.2.1.	MS, Jackson	2.2.2.1.1.
WV, Charleston	CA, Sacramento	2.2.1.2.1.	CA, Los Angeles AP
2.1.1.2.2.2.	CA, Stockton	NV, Las Vegas	CA, San Diego
VA, Roanoke	2.2.1.1.1.2.2.	TX, Waco	2.2.2.1.2.
2.1.2.	CA, Redding	2.2.1.2.2.1.	CA, Los Angeles C.O.
AZ, Yuma	2.2.1.1.2.1.1.	GA, Savannah	2.2.2.2.
2.2.1.1.1.1.	CA, Bakersfield	2.2.1.2.2.2.1.1.	AZ, Phoenix
TN, Knoxville	CA, Fresno	LA, Baton Rouge	TX, Victoria

FIG. 4C

Leonid Andreev. FIG. 4D. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 36 cloudiness parameters.

1.1.	2.1.2.1.	2.2.1.2.2.2.1.2.	AR , Little Rock
NV , Winnemucca	TX , San Angelo	AR , Fort Smith	MS , Jackson
1.2.1.1.	2.1.2.2.	MO , Kansas City	2.2.2.1.2.1.
CA , Redding	CA , Los Angeles AP	2.2.1.2.2.2.2.1.	AL , Birmingham AP
1.2.1.2.1.	CA , San Diego	TX , Dallas-Fort Worth	LA , Baton Rouge
CA , Sacramento	2.2.1.1.1.1.	TX , Waco	LA , New Orleans
CA , Stockton	FL , Apalachicola	2.2.1.2.2.2.2.2.	2.2.2.1.2.2.
1.2.1.2.2.	2.2.1.1.1.2.	OK , Oklahoma City	LA , Lake Charles
CA , Bakersfield	FL , Jacksonville	2.2.2.1.1.1.1.1.1.1.	2.2.2.2.1.1.1.
CA , Fresno	FL , Tallahassee	TN , Knoxville	GA , Augusta
1.2.2.1.	2.2.1.1.2.	TN , Nashville	GA , Macon
CA , Los Angeles C. O.	TX , Houston	2.2.2.1.1.1.1.1.2.	2.2.2.2.1.1.2.
1.2.2.1.	TX , Victoria	AL , Huntsville	GA , Savannah
AZ , Phoenix	2.2.1.2.1.	2.2.2.1.1.1.1.2.	2.2.2.2.1.2.
NV , Las Vegas	MO , Columbia	MS , Meridian	VA , Lynchburg
1.2.2.2.2.	NV , Elko	2.2.2.1.1.1.2.	2.2.2.2.2.
AZ , Yuma	2.2.1.2.2.1.	VA , Roanoke	FL , Pensacola
2.1.1.	NV , Ely	2.2.2.1.1.2.1.	
WV , Charleston	2.2.1.2.2.2.1.1.	GA , Columbus	
WV , Huntington	OK , Tulsa	2.2.2.1.1.2.2.	

FIG. 4D

Leonid Andreev. FIG. 4E. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 12 precipitation parameters.

1.1.1.1.1.1.	CA , Sacramento	WV , Huntington	FL , Apalachicola
AZ , Yuma	1.1.2.	2.1.2.1.2.1.1.	FL , Jacksonville
NV , Las Vegas	TX , San Angelo	GA , Augusta	2.2.1.2.1.1.
1.1.1.1.1.2.	1.2.	GA , Macon	LA , Lake Charles
AZ , Phoenix	CA , Redding	2.1.2.1.2.1.2.	2.2.1.2.1.2.
CA , Bakersfield	2.1.1.1.	TN , Knoxville	LA , Baton Rouge
1.1.1.1.2.1.	TX , Dallas-Fort Worth	2.1.2.1.2.2.1.	LA , New Orleans
NV , Elko	TX , Waco	MO , Columbia	2.2.1.2.2.
NV , Winnemucca	2.1.1.2.1.	2.1.2.1.2.2.2.1.	FL , Pensacola
1.1.1.1.2.2.	MO , Kansas City	AR , Fort Smith	FL , Tallahassee
NV , Ely	OK , Oklahoma City	TX , Houston	2.2.2.1.1.
1.1.1.2.1.1.	2.1.1.2.2.	2.1.2.1.2.2.2.2.	AL , Birmingham AP
CA , Fresno	OK , Tulsa	AR , Little Rock	2.2.2.1.2.
CA , San Diego	TX , Victoria	TN , Nashville	MS , Jackson
1.1.1.2.1.2.	2.1.2.1.1.1.	2.1.2.2.	MS , Meridian
CA , Los Angeles AP	VA , Lynchburg	GA , Savannah	2.2.2.2.
CA , Stockton	VA , Roanoke	2.2.1.1.1.	AL , Huntsville
1.1.1.2.2.	2.1.2.1.1.2.	GA , Columbus	
CA , Los Angeles C.O.	WV , Charleston	2.2.1.1.2.2.	

FIG. 4E

1.1.1.1.1.1.	Gibraltar, Luxemburg
1.1.1.1.1.2.	Sweden
1.1.1.1.2.1.	Austria
1.1.1.1.2.2.	France, Switzerland, UK, Belgium, Denmark, Finland, Netherlands, Norway
1.1.1.2.1.	Germany
1.1.1.2.2.1.	Portugal
1.1.1.2.2.2.	Greece, Italy, Spain
1.1.2.1.1.	Montenegro
1.1.2.1.2.1.	Belarus, Estonia, Latvia, Lithuania, Russia, Ukraine
1.1.2.1.2.2.	Georgia, Bulgaria, Croatia, Czech Republic, Hungary, Poland, Romania, Serbia, Slovakia, Slovenia
1.1.2.2.1.	Herzegovina
1.1.2.2.2.1.	Macedonia
1.1.2.2.2.2.	Armenia, Moldova
1.2.	Israel
2.1.	United Arab Emirates
2.2.1.1.	Kuwait, Qatar
2.2.1.2.1.1.	Bahrain, Brunei
2.2.1.2.1.2.	Albania, Azerbaijan, Kazakhstan, Lebanon, Tunisia, Turkey
2.2.1.2.2.1.	Bangladesh, Iran, Malaysia, Algeria, Egypt, Libya, Morocco
2.2.1.2.2.2.	Indonesia, Kyrgyzstan, Pakistan, Tajikistan, Turkmenistan, Uzbekistan
2.2.2.1.1.1.	Iraq, Jordan, Syria, West Bank
2.2.2.1.1.2.	Gaza Strip
2.2.2.1.2.	Oman, Saudi Arabia
2.2.2.2.1.1.	Somalia, Yemen
2.2.2.2.1.2.	Djibouti
2.2.2.2.2.1.	Afghanistan, Eritrea
2.2.2.2.2.2.	Ethiopia, Mauritania, Niger, Nigeria, Sudan

FIG. 5A

1.1.1.1.1.	Czech Republic
1.1.1.1.2.1.	Denmark, Finland, France, Luxembourg, Netherlands, Norway, UK
1.1.1.1.2.2.	Austria, Belgium, Germany, Gibraltar, Greece, Italy, Portugal, Slovenia, Spain, Sweden, Switzerland
1.1.1.2.1.1.	Croatia, Hungary, Poland, Slovakia
1.1.2.1.2.	Macedonia, Montenegro
1.1.1.2.2.	Israel
1.1.2.1.1.1.	Belarus, Bulgaria, Estonia, Latvia, Lithuania
1.1.2.1.1.2.	Romania, Russia, Serbia, Ukraine
1.1.2.1.2.	Bosnia & Herzegovina
1.1.2.2.1.	Kuwait
1.1.2.2.2.1.	Bahrain, Brunei, United Arab Emirates
1.1.2.2.2.2.	Qatar
1.2.1.1.1.	Jordan
1.2.1.1.2.1.	Oman, West Bank
1.2.1.1.2.2.	Gaza Strip
1.2.1.2.	Georgia, Kazakhstan
1.2.2.1.1.	Armenia, Moldova
1.2.2.1.2.1.	Iran, Lebanon, Libya, Malaysia, Syria, Tunisia
1.2.2.1.2.2.	Albania, Algeria, Indonesia, Morocco, Turkey
1.2.2.2.	Egypt, Saudi Arabia
2.1.1.1.	Iraq
2.1.1.2.1.1.	Bangladesh, Turkmenistan, Uzbekistan
2.1.1.2.1.2.	Kyrgyzstan
2.1.1.2.2.	Azerbaijan, Pakistan
2.1.2.1.	Sudan, Yemen
2.1.2.2.1.	Mauritania, Nigeria
2.1.2.2.2.	Eritrea
2.2.1.	Djibouti, Tajikistan
2.2.2.1.1.	Ethiopia
2.2.2.1.2.	Niger, Somalia
2.2.2.2.	Afghanistan

FIG. 5B

Leonid Andreev. FIG. 5C. Clustering of 80 countries based on 51 demographic parameters and differences in parameters for each monomeric matrix.

1.1.1.1.	Czech Republic, Slovenia
1.1.1.2.	Sweden
1.1.2.1.1.1.	Germany, Italy, Spain
1.1.2.1.1.2.	Switzerland
1.1.2.1.2.	Greece
1.1.1.2.2.	Israel
1.1.2.2.1.1.	Austria, Belgium, Finland
1.1.2.2.1.2.	Denmark, Portugal, UK
1.1.2.2.2.1.	France, Luxembourg, Netherlands
1.1.2.2.2.1.	Bahrain, Brunei, United Arab Emirates
1.1.2.2.2.2.	Gibraltar, Norway
1.2.1.1.1.1.	Belarus, Bulgaria, Estonia, Latvia, Lithuania
1.2.1.1.1.2.	Russia
1.2.1.1.2.1.	Hungary, Ukraine
1.2.1.1.2.2.	Romania, Serbia
1.2.1.2.1.1.	Poland, Slovakia
1.2.1.2.1.2.	Croatia, Macedonia, Montenegro
1.2.1.2.2.1.	Israel
1.2.1.2.2.2.	Armenia, Bosnia and Herzegovina
1.2.2.1.1.1.	United Arab Emirates
1.2.2.1.1.2.	Bahrain, Brunei
1.2.2.1.2.1.	Kuwait
1.2.2.1.2.2.	Jordan, Malaysia, Qatar
1.2.2.2.1.	Iran, Tunisia
1.2.2.2.2.	Lebanon
2.1.1.1.1.	Moldova
2.1.1.1.2.1.	Gaza Strip, Oman, West Bank
2.1.1.1.2.2.	Libya, Syria
2.1.1.2.1.	Algeria, Indonesia
2.1.1.2.2.1.	Albania
2.1.1.2.2.2.	Morocco, Turkey
2.1.2.1.1.1.	Egypt, Iraq, Kazakhstan
2.1.2.1.1.2.	Azerbaijan, Pakistan
2.1.2.1.2.1.	Bangladesh, Turkmenistan, Uzbekistan
2.1.2.1.2.2.	Kyrgyzstan
2.1.2.2.1.1.	Georgia, Saudi Arabia
2.1.2.2.1.2.	Tajikistan
2.1.2.2.2.1.	Sudan, Yemen
2.1.2.2.2.2.	Eritrea, Mauritania, Nigeria
2.2.1.	Djibouti, Ethiopia
2.2.2.1.	Niger, Somalia
2.2.2.2.	Afghanistan

FIG. 5C

FIG. 5D. Clustering of 80 countries based on 51 demographic parameters and Euclidean distances in 51-dimensional space

1.1.1.	Czech Republic, Slovenia
1.1.2.1.1.1.	Germany, Italy, Spain, Switzerland
1.1.2.1.1.2.	Greece
1.1.2.1.2.	Sweden
1.1.2.2.1.1.	Austria, Belgium, Finland
1.1.2.2.1.2.	Denmark, Luxembourg, UK
1.1.2.2.2.1.	Portugal
1.1.2.2.2.2.	France, Gibraltar, Netherlands, Norway
1.2.1.1.1.1.	Poland, Slovakia
1.2.1.1.1.2.	Croatia, Hungary
1.2.1.1.2.	Macedonia, Montenegro
1.2.1.2.1.1.	Belarus, Latvia, Lithuania
1.2.1.2.1.2.	Bulgaria, Estonia
1.2.1.2.2.1.	Romania, Serbia
1.2.1.2.2.2.	Russia
1.2.2.1.1.1.	Bahrain, Brunei, Jordan, Kuwait, Malaysia, Qatar, United Arab Emirates
1.2.2.1.1.2.	Bosnia and Herzegovina, Israel, Libya
1.2.2.1.2.1.	Tunisia
1.2.2.1.2.2.	Iran, Lebanon, Tunisia
1.2.2.2.	Oman, West Bank
2.1.1.1.1.1.	Armenia, Moldova
2.1.1.1.1.2.	Albania, Algeria, Indonesia, Morocco, Turkey
2.1.1.1.2.1.	Gaza Strip, Syria
2.1.1.1.2.2.	Egypt, Georgia, Iraq, Kazakhstan, Saudi Arabia
2.1.1.2.1.	Djibouti, Ethiopia
2.1.1.2.2.	Tajikistan
2.1.2.1.1.1.	Bangladesh, Turkmenistan, Uzbekistan
2.1.2.1.1.2.	Kyrgyzstan
2.1.2.1.2.	Azerbaijan, Pakistan
2.1.2.2.1.	Sudan, Yemen
2.1.2.2.2.1.	Mauritania, Nigeria
2.2.1.	Niger, Somalia
2.2.2.	Afghanistan

FIG. 5D

Leonid Andreev. FIG. 6A. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 108 climatic parameters, using a hybrid matrix obtained by hybridization of 2 hybrid matrices, using R- and XR-metrics; B-constant = 1.10.

1.1.1.1.	CA, San Diego	MS, Meridian	1.2.2.2.1.2.
MO, Columbia	1.1.2.2.2.	1.2.1.2.1.2.1.	FL, Pensacola
MO, Kansas City	CA, Los Angeles C.O.	GA, Augusta	1.2.2.2.2.1.
1.1.1.2.1.	1.2.1.1.1.1.	1.2.1.2.1.2.2.	FL, Apalachicola
WV, Charleston	TN, Knoxville	GA, Columbus	1.2.2.2.2.2.
WV, Huntington	TN, Nashville	GA, Savannah	TX, Houston
1.1.1.2.2.	1.2.1.1.1.2.	1.2.1.2.2.1.	TX, Victoria
VA, Lynchburg	AL, Birmingham AP	TX, San Angelo	2.1.1.
VA, Roanoke	AL, Huntsville	1.2.1.2.2.2.	NV, Elko
1.1.2.1.1.1.	1.2.1.1.2.1.	TX, Dallas-Fort Worth	NV, Ely
CA, Sacramento	OK, Oklahoma City	TX, Waco	2.1.2.
CA, Stockton	OK, Tulsa	1.2.2.1.	NV, Winnemucca
1.1.2.1.1.2.	1.2.1.1.2.2.	FL, Jacksonville	2.2.1.
CA, Fresno	AR, Fort Smith	FL, Tallahassee	NV, Las Vegas
1.1.2.1.2	AR, Little Rock	1.2.2.2.1.1.1.	2.2.2.
CA, Bakersfield	1.2.1.2.1.1.1.	LA, Baton Rouge	AZ, Phoenix
CA, Redding	GA, Macon	1.2.2.2.1.1.2.	AZ, Yuma
1.1.2.2.1.	1.2.1.2.1.1.2.	LA, Lake Charles	
CA, Los Angeles AP	MS, Jackson	LA, New Orleans	

FIG. 6A

Leonid Andreev. FIG. 6B. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 108 climatic parameters, using a hybrid matrix obtained by hybridization of 2 hybrid matrices, using R- and XR-metrics; B-constant = 1.15.

1.1.1.1.	CA, San Diego	MS, Meridian	1.2.2.2.1.2.
MO, Columbia	1.1.2.2.2.	1.2.1.2.1.2.1.	FL, Pensacola
MO, Kansas City	CA, Los Angeles C.O.	GA, Augusta	1.2.2.2.2.1.
1.1.1.2.1.	1.2.1.1.1.1.	1.2.1.2.1.2.2.	FL, Apalachicola
WV, Charleston	TN, Knoxville	GA, Columbus	1.2.2.2.2.2.
WV, Huntington	TN, Nashville	GA, Savannah	TX, Houston
1.1.1.2.2.	1.2.1.1.1.2.	1.2.1.2.2.1.	TX, Victoria
VA, Lynchburg	AL, Birmingham AP	TX, San Angelo	2.1.1.
VA, Roanoke	AL, Huntsville	1.2.1.2.2.2.	NV, Elko
1.1.2.1.1.1.	1.2.1.1.2.1.	TX, Dallas-Fort Worth	NV, Ely
CA, Sacramento	OK, Oklahoma City	TX, Waco	2.1.2.
CA, Stockton	OK, Tulsa	1.2.2.1.	NV, Winnemucca
1.1.2.1.1.2.	1.2.1.1.2.2.	FL, Jacksonville	2.2.1.
CA, Fresno	AR, Fort Smith	FL, Tallahassee	NV, Las Vegas
1.1.2.1.2	AR, Little Rock	1.2.2.2.1.1.1.	2.2.2.
CA, Bakersfield	1.2.1.2.1.1.1.	LA, Baton Rouge	AZ, Phoenix
CA, Redding	GA, Macon	1.2.2.2.1.1.2.	AZ, Yuma
1.1.2.2.1.	1.2.1.2.1.1.2.	LA, Lake Charles	
CA, Los Angeles AP	MS, Jackson	LA, New Orleans	

FIG. 6B

Leonid Andreev. FIG. 6C. Hierarchical clustering of 46 cities of 15 states of the U.S.A. based on 108 climatic parameters, using a hybrid matrix obtained by hybridization of 2 hybrid matrices, using R- and XR-metrics; with parameter multiplication.

1.1.1.1.1.	CA, Fresno	AR, Little Rock	TX, Victoria
WV, Charleston	1.1.2.2.2.	1.2.1.2.1.2.1.2.	1.2.2.2.1.1.
WV, Huntington	CA, Bakersfield	MS, Jackson	LA, Baton Rouge
1.1.1.1.2.	CA, Redding	MS, Meridian	LA, Lake Charles
VA, Lynchburg	1.2.1.1.1.1.	1.2.1.2.1.2.2.	1.2.2.2.1.1.2
VA, Roanoke	TN, Knoxville	GA, Savannah	LA, New Orleans
1.1.1.2.	TN, Nashville	1.2.1.2.2.1.	1.2.2.2.
MO, Columbia	1.2.1.1.1.2.	AR, Fort Smith	FL, Pensacola
MO, Kansas City	AL, Huntsville	OK, Tulsa	2.1.1.
1.1.2.1.1.	1.2.1.1.2.	1.2.1.2.2.2.1.	NV, Elko
CA, Los Angeles AP	OK, Oklahoma City	TX, San Angelo	NV, Ely
CA, San Diego	1.2.1.2.1.1.1.	1.2.1.2.2.2.2.	2.1.2.
1.1.2.1.2.	GA, Augusta	TX, Dallas-Fort Worth	NV, Winnemucca
CA, Los Angeles C.O.	GA, Macon	TX, Waco	2.2.1.
1.1.2.2.1.1.	1.2.1.2.1.1.2.	1.2.2.1.1.1.	NV, Las Vegas
CA, Sacramento	GA, Columbus	FL, Apalachicola	2.2.2.
CA, Stockton	1.2.1.2.1.2.1.1.	1.2.2.1.1.2.	AZ, Phoenix
1.1.2.2.1.2.	AL, Birmingham AP	TX, Houston	AZ, Yuma

FIG. 6C

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FIG. 7. Public opinion poll on gun control law

	“More strict”	“Less Strict”	“About right”
Republicans	31	11	54
Conservatives	36	15	45
Men	41	12	44
Independents	54	7	34
Moderates	59	3	35
Women	64	4	28
Democrats	69	4	24
Liberals	69	4	23

FIG. 7

Leonid Andreev. FIG. 8A. Clustering of data in FIG. 7 based on hybrid matrix, using R-metrics; one-cycle division by ETSM-method.

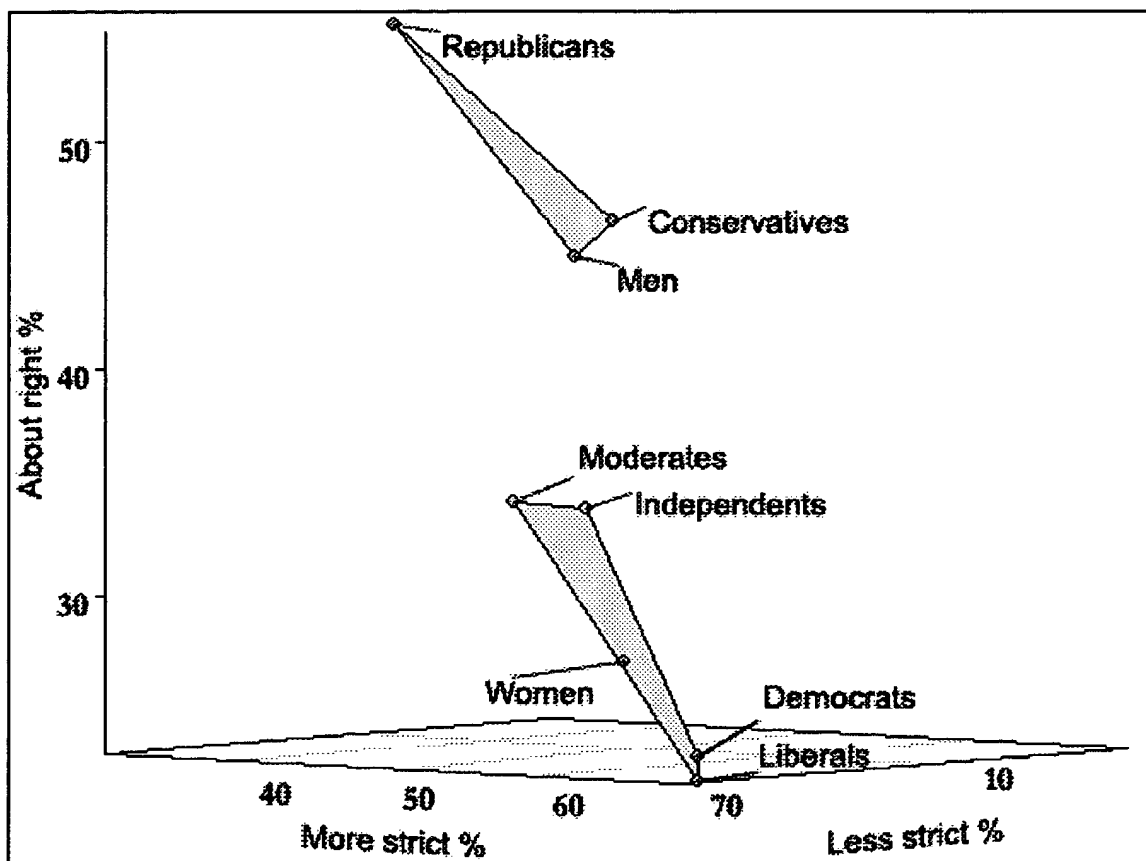


FIG. 8A

Leonid Andreev. FIG. 8B. Clustering of data in FIG. 7 based on hybrid matrix, using R-metrics; one-cycle division by ETSM-method; with 3.6-multiplication of “less strict” parameter.

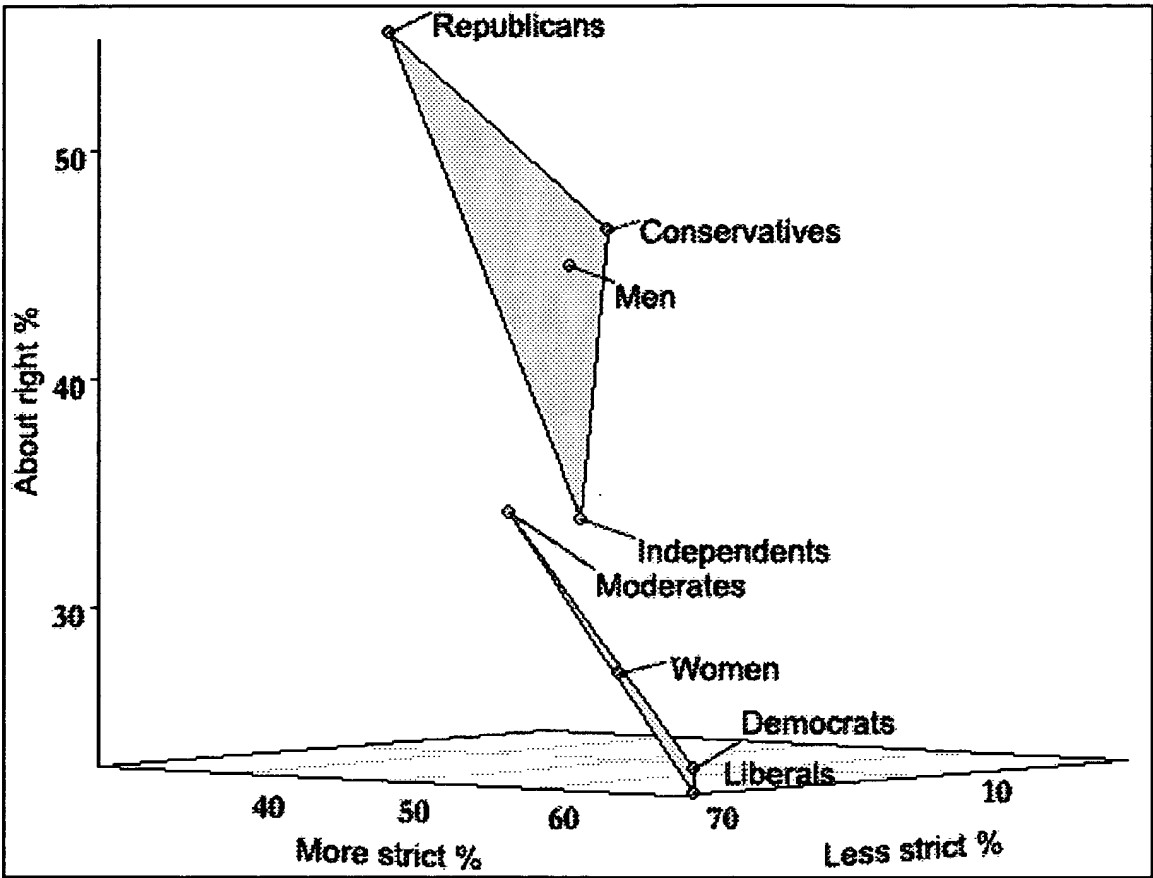


FIG. 8B